

**M 6.6, 277 km NNE of Codrington, Antigua and Barbuda**

Origin Time: 2023-07-10 20:28:25 UTC (Mon 16:28:25 local)  
Location: 20.0437° N 61.0833° W Depth: 10.0 km

FOR TSUNAMI INFORMATION, SEE: [tsunami.gov](https://tsunami.gov)

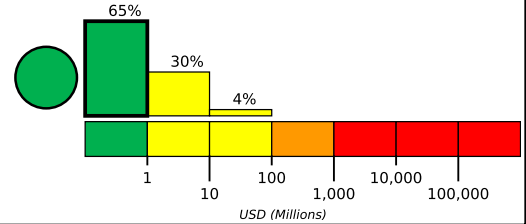
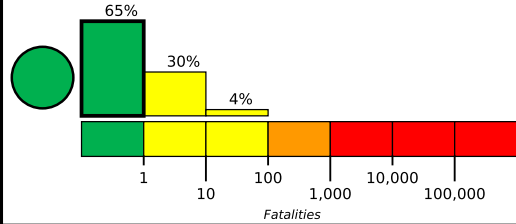
Created: 2 hours, 7 minutes after earthquake

**PAGER  
Version 3**

**Estimated Fatalities**

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

**Estimated Economic Losses**

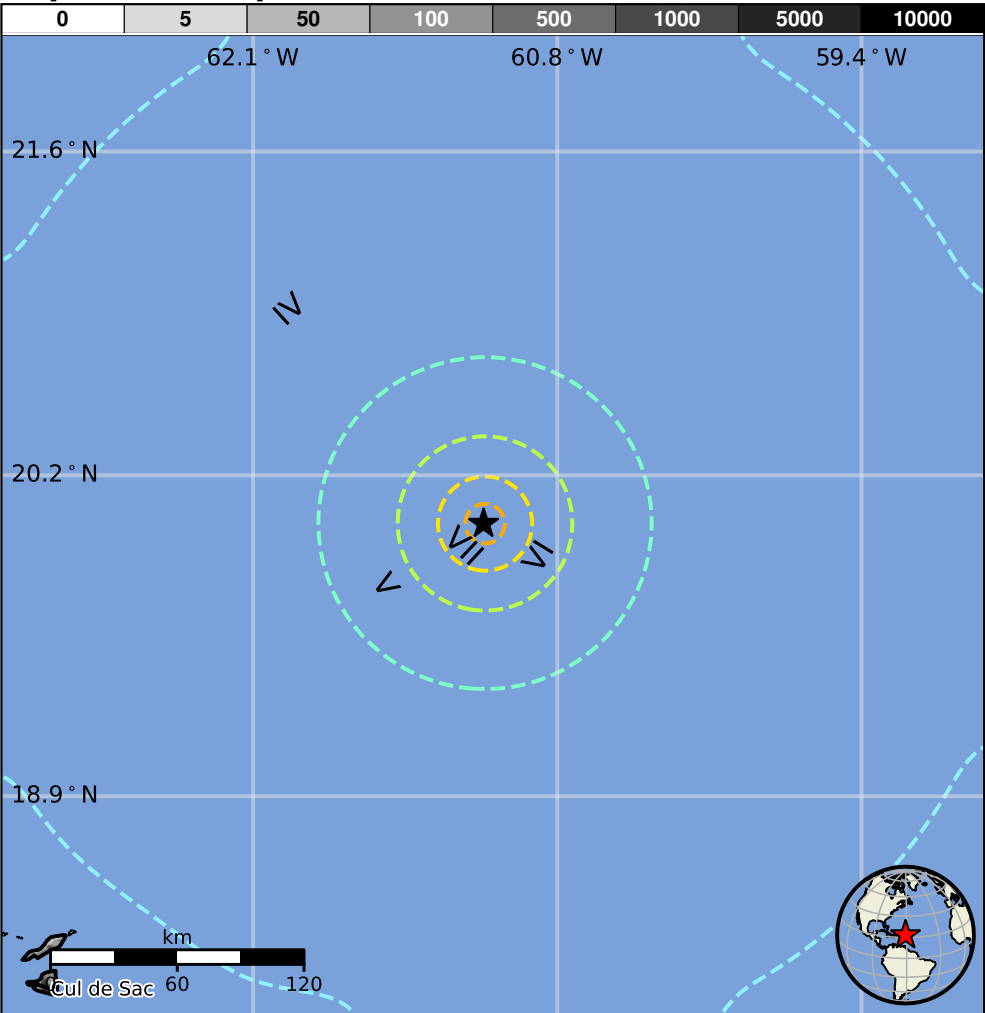


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	83k*	15k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

**Population Exposure**



**Structures**

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are informal (metal, timber, GI etc.) and rubble/field stone masonry construction.

**Historical Earthquakes**

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1985-03-16	369	6.4	VII(6k)	0
1998-06-25	260	5.6	VII(1k)	—
1974-10-08	314	7.5	IX(45k)	0

**Selected City Exposure**

from GeoNames.org

MMI	City	Population
IV	Island Harbour	<1k
IV	Stoney Ground	<1k
IV	The Valley	2k
IV	North Side	<1k
III	Simpson Bay	5k
III	Sandy Ground Village	0
III	South Hill Village	<1k
III	North Hill Village	<1k
III	Blowing Point Village	1k
III	Philipsburg	1k
III	Marigot	6k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.  
<https://earthquake.usgs.gov/earthquakes/eventpage/us7000keq3#pager>

bold cities appear on map.

(k = x1000)

Event ID: us7000keq3